



MeshPack Seeed L1 OLED



Alley Cat

[VIEW IN BROWSER](#)

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Summary

[ACOS] MeshPack enclosure for Seeed Wio Tracker L1 OLED. PLEASE READ THE ENTIRE DESCRIPTION!

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Suggested Print Settings

Material: **PLA+** or **PETG**

Nozzle: **0.4mm**

Extrusion Width **0.4mm**

Layer Height: **0.2mm**

Perimeters: **3**

Infill: **10%**

Top/Bottom Layers: **5**

Support Material: **None**

3D Printing Disclaimer

Thank you for downloading my CAD design! I want to assure you that extensive testing and iteration went into creating this design. However, please keep in mind that 3D printing involves a wide range of variables, including different types of filament, printer settings, and calibration levels. These factors can significantly impact the final print.

Before concluding that the design is flawed, I encourage you to:

- **Check your printer calibration:** Ensure your printer is properly calibrated.
- **Adjust print settings:** Try changing the print settings to achieve better results.
- **Resize the model:** Scaling the model up or down slightly may resolve fit issues.

If you encounter any issues or need assistance, please feel free to reach out to me. I am here to help and can provide guidance to achieve the best results. Claiming a design is bad without considering these variables does a disservice to the community and may discourage others from trying a design that could work perfectly with minor adjustments.

Thank you for your understanding and cooperation. Happy printing!

Description

Custom case for the Seeed Wio Tracker L1 OLED. Very close tolerances, so you should clean up all the edges really well, **and don't force it, if it's too tight, print it slightly larger so you don't break your device**

and then try to blame me! Requires 2 M2.5x12mm bolts and nuts or heat set inserts. Maximum battery size I have tried is the 4000mAh lipo from MakerNova. To use a thinner battery it would be a good idea to secure it so it doesn't wobble around.

Parts to buy

Sseed Wio Tracker L1 OLED 10% off coupon code for L1 and L1 Lite: 81I4PP5B

8% off coupon code for L1 Pro and L1 E-ink: QV217YHX

MakerNova 4000mAh Lipo or **MakerHawk 4000mAh Lipo** Size is 124060

M2 screw and nut assortment Needs 4x M2x6mm screw to hold the board in the case

M2.5 screw and nut assortment If you use the screw back

M2.5 heat set inserts If you use the inserts front

Even though you don't need all those screws for this build, it's always good to have extras, and it's a lot more economical to buy the assortment than to try to get exactly what you need. If you really just want to exact amount, you might be able to get them at ACE Hardware.

FRONT

Front Nuts: Has slots for standard M2.5 nuts to hold the back cover on. A little drop of super glue will keep them in if they fall out easily before assembly.

Front Inserts: Uses M2.5 heat set inserts to hold the back cover on.

BACK

Screw Back: This one has holes for M2.5x12mm screws to hold the back cover on more securely.

Back: No holes on this one, the back cover clips on pretty tightly without any help.

PARTS

Joystick: This is the cover for the joystick. Install before putting in the case. If it's too tight to go on, size it up a percent or two at a time until it just barely fits. If it's loose, size it down. I would also recommend a tiny drop of super glue to keep it from rattling around and loosening over time.

Button: This is the cover for the menu button. Again, a tiny drop of glue would be a good idea to keep it in place, or you can keep the case face down and install the button in the case before the board.

Video

Coming soon!

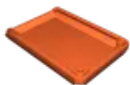
Model files



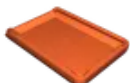
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